

SUBJECT: **AMBULANCE VEHICLE ESSENTIAL
MEDICAL EQUIPMENT**

REFERENCE NO. 451.1a

Failure to maintain the following medical equipment and medical supplies on an ambulance vehicle that is in service shall result in a notice of violation being issued to the ambulance operator:

Basic Life Support (BLS) Unit

MINIMUM INVENTORY	QUANTITY
Ankle and wrist restraints <ul style="list-style-type: none"> • If soft ties are used, they should be at least three (3) inches wide (before tying) to maintain a two (2) inch width while in use 	1 set
Bag-valve device with O ₂ inlet and reservoir: <ul style="list-style-type: none"> • Adult • Pediatric 	1 each
Bag-valve mask: <ul style="list-style-type: none"> • Large • Medium • Small adult/child • Toddler • Infant • Neonate 	1 each
Blood pressure manometer, cuff and stethoscope: <ul style="list-style-type: none"> • Thigh • Adult • Child • Infant 	1 each
Cervical Collars, rigid: <ul style="list-style-type: none"> • Adult • Child • Infant 	2 each
Linen Supplies	1 set
Oropharyngeal airways: <ul style="list-style-type: none"> • Two adult • Two children • One infant • One newborn 	6
Oxygen cannulas: <ul style="list-style-type: none"> • Adult • Child 	1 each

EFFECTIVE: 8-1-12
REVISED: 9-1-13
SUPERSEDES: 8-1-12

MINIMUM INVENTORY	QUANTITY
Oxygen masks, transparent: <ul style="list-style-type: none"> • Adult • Child • Infant 	1 each
Oxygen, portable <ul style="list-style-type: none"> • (USP) regulator with oxygen supply that at maximum capacity is sufficient to provide a patient with not less than 10 liters per minute for 45 minutes (equivalent to an “D” cylinder) 	2
Oxygen, vehicle (house) <ul style="list-style-type: none"> • (USP) regulator with oxygen supply that at maximum capacity is sufficient to provide a patient with not less than 10 liters per minute for a minimum of 3 hours (equivalent to an “M” cylinder) 	1
Personal Protective Equipment (Body Substance Isolation Equipment): <ul style="list-style-type: none"> • Mask • Gown • Eye protection 	2 each
Spine boards, rigid, approximately 14 inches in width: <ul style="list-style-type: none"> • One approximately 72 inches in length with straps for immobilization of suspected spinal or back injuries 	1
Stretchers: <ul style="list-style-type: none"> • Stretcher with wheels and the following: <ul style="list-style-type: none"> ○ mattress should be covered with impervious plastic material or the equivalent ○ have the capability to elevate both the head and foot ○ straps to secure the patient to the stretcher and a means of securing the stretcher in the vehicle ○ be adjustable to four different levels 	1
Suction equipment, portable, capable of at least: <ul style="list-style-type: none"> • a negative pressure equivalent to 300 mm of mercury • 30 liter per minute air flow rate for 30 minutes of operation 	1
Suction equipment, vehicle (house), capable of at least: <ul style="list-style-type: none"> • a negative pressure equivalent to 300 mm of mercury • 30 liter per minute air flow rate for 30 minutes of operation 	1
Suction tubing: <ul style="list-style-type: none"> • Non-collapsible, plastic, semi-rigid, whistle tipped, finger controlled type is preferred • Flexible catheters for tracheostomy suctioning (8Fr.-12Fr.) 	1 each
Tourniquets (commercial, for control of bleeding)	2

PERSONAL PROTECTION EQUIPMENT (PPE)	QUANTITY
Gloves, work (multiple use, leather)	2 pairs
Hearing Protection (includes foam ear plugs)	2 sets
Jacket, EMS, with reflective stripes	2
Rescue Helmet	2
Respiratory protection mask (N95) and general purpose mask	2 each
Safety vest meeting ANSI standards or equivalent	2

ADVANCED LIFE SUPPORT (ALS) UNIT

An ALS unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MINIMUM INVENTORY MEDICATIONS	QUANTITY
Albuterol (pre-mixed with NS)	20 mgs
Adenosine	24 mgs
Amiodarone	900 mgs
Aspirin (chewable 81 mg)	648 mgs
Atropine sulfate (1mg/ml or 0.4mg/ml)	4 mgs
Atropine sulfate (1mg/10ml)	6 mgs
Calcium chloride	1 gm
Dextrose 50%	150 mls
Dextrose solution 100 gm (glucose paste may be substituted)	1
Dopamine	400 mgs
Epinephrine (1:1,000)	2 mgs
Epinephrine (1:10,000)	10 mgs

MINIMUM INVENTORY MEDICATIONS	QUANTITY
Glucagon	1 mg
Midazolam*	20 mgs
Morphine sulfate **	32 mgs
Naloxone	4 mgs
Normal saline (for injection)	2 vials
Nitroglycerin spray	1
Sodium bicarbonate	50 mls

*Midazolam carried on ALS Unit may not exceed 40 mgs.

**Morphine sulfate carried on ALS Unit may not exceed 60 mgs.

MINIMUM INVENTORY INTRAVENOUS FLUIDS	QUANTITY
1000 ml normal saline	8
250 or 500 ml normal saline	2

MINIMUM INVENTORY SUPPLIES	QUANTITY
Airways – Nasopharyngeal <ul style="list-style-type: none"> • Large (34-36) • Medium (26-28) • Small (20-22) 	1 each
Airways – Oropharyngeal <ul style="list-style-type: none"> • Large (Adult) • Medium (Adult) 	1 each
Burn pack or burn sheets	1
Contaminated needle container	1
Defibrillator with oscilloscope	1
Defibrillator electrodes (including pediatric) or paste	2

MINIMUM INVENTORY SUPPLIES	QUANTITY
Double lumen esophageal tracheal airway (ETC)*** <ul style="list-style-type: none"> • Small adult • Adult 	1 each
ECG electrodes (adult and pediatric)	6 each
Endotracheal tubes with stylettes <ul style="list-style-type: none"> • Sizes 6.0-8.0 	2 each
End Tidal CO ₂ detector and aspirator (adult)	1 each
Gloves (sterile)	2 pairs
Gloves (unsterile)	1 box
Glucometer with strips	1
Hand-held nebulizer pack	2
Hemostats, padded	1
Intravenous catheters (14G-22G)	5 each
Intravenous tubing <ul style="list-style-type: none"> • Microdrip • Macrodrip 	6 each
King LTS-D (Disposable Supraglottic Airway device) <ul style="list-style-type: none"> • Small adult (size 3) • Adult (size 4) • Large Adult (size 5) 	1 each
Lancets, automatic retractable	5
Laryngoscope Handle (adult)	1
Laryngoscope blades <ul style="list-style-type: none"> • Adult (curved and straight) • Pediatric (Miller #1 and #2) 	1 each
Magill Forceps (adult and pediatric)	1 each
Mucosal Atomization Device (MAD)	2
Normal saline for irrigation	1 bottle
Needle thoracostomy kit or 14 G 2" angiocath	2

MINIMUM INVENTORY SUPPLIES	QUANTITY
Pediatric resuscitation tape	1
Procedures Prior to Base Contact Field Reference No. 806.1	1
Pulse Oximeter	1
Saline locks	4
Syringes (1 ml – 60 ml)	Assorted
Tube introducer	2
Vaseline gauze	2

CRITICAL CARE TRANSPORT (CCT) UNIT

A CCT unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MINIMUM INVENTORY MEDICATIONS	QUANTITY
Albuterol (pre-mixed with NS)	20 mgs
Adenosine	24 mgs
Amiodarone	450 mgs
Aspirin (chewable 80 mg)	648 mgs
Atropine sulfate (1mg/10ml)	6 mgs
Calcium chloride	1 gm
Dextrose 50%	100 ml
Dextrose solution 100 gm (glucose paste may be substituted)	1
Dopamine (premix or vials)	800 mgs
Epinephrine (1:1,000)	1 mg

MINIMUM INVENTORY MEDICATIONS	QUANTITY
Epinephrine (1:10,000)	4 mgs
Furosemide	100 mgs
Lidocaine (1 gm/250 ml)	1 bag
Lidocaine	200 mgs
Naloxone	2 mgs
Nitroglycerin spray	1
Sodium bicarbonate	50 mls
Vasopressin	40 units

MINIMUM INVENTORY INTRAVENOUS FLUIDS	QUANTITY
1000 ml normal saline	2
250 or 500 ml normal saline	2

MINIMUM INVENTORY SUPPLIES*	QUANTITY
Back-up power source/adjunct power source (inverter, batters, etc.). Second source required if transporting IABP patients.	1
Cardiac monitor/defibrillator oscilloscope including end tidal CO ₂ detector, external pacemaker, pulse oximeter and optional 12 lead EKG capabilities	1
Cellular phone	1
Infusion pump with 3 chamber drip capability	1

*A CCT Unit must maintain the supplies listed for a BLS unit, an ALS unit **AND** the additional supplies listed here.